

Search History. 10/20/04. ~~4/2~~ (5 pp.)

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 1 | 2890 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411) or (438/230)).CCLS. | USPAT; US-PGPUB | 2004/10/19 08:37 |
| 2 | 3 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411) or (438/230)).CCLS.) and "without" near3 (ammonia "NH.sub.3") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/19 08:38 |
| - | 244 | (nitridization nitride nitriding nitridizing) near4 (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/18 07:41 |
| - | 18 | (nitridization nitride nitriding nitridizing) near6 (ald atomic adj layer adj deposition) near6 (ammonia "NH.sub.3") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:01 |
| - | 1 | (nitridization nitride nitriding nitridizing) near6 (ald atomic adj layer adj deposition) and ("without" near3 (ammonia "NH.sub.3")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:02 |
| - | 179 | (nitridization nitride nitriding nitridizing) and silicon adj nitride and ("without" near3 (ammonia "NH.sub.3")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:03 |
| - | 96 | (nitridization nitride nitriding nitridizing) and silicon adj nitride and (spacer barrier) and ("without" near3 (ammonia "NH.sub.3")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:03 |
| - | 4 | (nitridization nitride nitriding nitridizing) and silicon adj nitride and (spacer barrier) and ("without" near3 (ammonia "NH.sub.3")) and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:05 |
| - | 4 | (nitridization nitride nitriding nitridizing) and ("Si.sub.3 N.sub.4" silicon adj nitride) and (spacer barrier) and ("without" near3 (ammonia "NH.sub.3")) and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:06 |
| - | 4 | (nitridization nitride nitriding nitridizing) and ("Si.sub.3N.sub.4" silicon adj nitride) and (spacer barrier) and ("without" near3 (ammonia "NH.sub.3")) and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:06 |
| - | 4 | (nitridization nitride nitriding nitridizing) and ("Si.sub.3"\$1"N.sub.4" silicon adj nitride) and (spacer barrier) and ("without" near3 (ammonia "NH.sub.3")) and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:06 |
| - | 4 | ("Si.sub.3"\$1"N.sub.4" silicon adj nitride) and ("without" near3 (ammonia "NH.sub.3")) and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:06 |
| - | 5 | ("Si.sub.3"\$1"N.sub.4" silicon adj nitride) and ("without" near3 (ammonia "NH.sub.3")) and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:07 |
| - | 171 | (ald atomic adj layer adj deposition).ti,ab,clm. and silicon adj nitride.ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/10/17 15:08 |

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| - | 2 | (ald atomic adj layer adj deposition).ti,ab,clm. and silicon adj nitride.ti,ab,clm. and ("without" near4 (ammonia "NH.sub.3")) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:10 |
| - | 31 | pdf adj solutions.as. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:10 |
| - | 0 | pdf adj solutions.as. and nitride.clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:21 |
| - | 2691 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411)).CCLS. | USPAT; US-PGPUB | 2004/10/19 08:37 |
| - | 3 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411)).CCLS.) and "without" near3 (ammonia "NH.sub.3") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/19 08:38 |
| - | 1 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411)).CCLS.) and "without" near3 (ammonia "NH.sub.3") and (lightly adj doped adj drain lightly-doped adj drain ldd) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:26 |
| - | 5 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411)).CCLS.) and (ald atomic adj layer adj deposition) and (ldd lightly adj doped adj drain) and (silicon adj nitride "Si.sub.3"\$1"N.sub.4" SiN) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:36 |
| - | 0 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411)).CCLS.) and (nitride near4 ("without" near4 (ammonia "NH.sub.3"))) and (ldd lightly adj doped adj drain) and (silicon adj nitride "Si.sub.3"\$1"N.sub.4" SiN) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:37 |
| - | 1 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411)).CCLS.) and ("without" near4 (ammonia "NH.sub.3")) and (ldd lightly adj doped adj drain) and (silicon adj nitride "Si.sub.3"\$1"N.sub.4" SiN) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:42 |
| - | 0 | ((257/288) or (257/408) or (257/409) or (257/410) or (257/411)).CCLS.) and ("without" near4 (ammonia "NH.sub.3")) and (ldd lightly adj doped adj drain) and (silicon adj nitride "Si.sub.3"\$1"N.sub.4" SiN) and spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:49 |
| - | 0 | (NO-nitridi?ation "N.sub.2"\$10-nitridi?ation) and silicon adj nitride and (roxnox ono oxide-nitride-oxide "oxide/nitride/oxide") and (lightly adj doped adj drain ldd) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:52 |
| - | 0 | (NO-nitridi?ation "N.sub.2"\$10-nitridi?ation) and silicon adj nitride | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 15:52 |
| - | 4 | ((NO "N.sub.2"\$10) near3 nitridi?ation) and silicon adj nitride | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:00 |
| - | 0 | (atomic adj layer adj deposition ald pecvd plasma adj enhanced adj chemical adj vapo\$ adj deposition) near5 "N.sub.2" near5 ("SiCl.sub.4" "SiF.sub.4") and (ono roxnox oxide-nitride-oxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:03 |

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| - | 12 | (atomic adj layer adj deposition ald pecvd plasma adj enhanced adj chemical adj vapo\$ r adj deposition) near5 "N.sub.2" near5 ("SiCl.sub.4" "SiF.sub.4") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:08 |
| - | 282 | method near6 ono.clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:09 |
| - | 0 | method near6 ono.clm. and silicon adj nitride and (nitridization nitridisation) near4 (ald atomic adj layer adj deposition pecvd) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:10 |
| - | 207 | method near6 ono.clm. and silicon adj nitride | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:10 |
| - | 22 | method near6 ono.clm. and silicon adj nitride and (lightly adj doped adj drain ldd) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:13 |
| - | 1 | method near6 ono.clm. and silicon adj nitride and ("SiF.sub.4" "SiCl.sub.4") and (lightly adj doped adj drain ldd) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:21 |
| - | 13 | penetration near4 nitrogen and (ono roxnox oxide-nitride-oxide) and silicon adj nitride | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:52 |
| - | 1 | N-containing adj gas and silicon adj nitride and spacer and (ldd lightly adj doped adj drain) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:56 |
| - | 1 | N-containing adj gas and silicon adj nitride and spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:56 |
| - | 8 | N-containing adj gas and silicon adj nitride | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:57 |
| - | 311 | method near3 (ono oxide-nitride-oxide roxnox) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 16:58 |
| - | 137 | method near3 (ono oxide-nitride-oxide roxnox).ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 17:18 |
| - | 85 | (oxide-nitride-oxide ono roxnox) and (ldd lightly adj doped adj drain) and spacer and etch adj stop | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 17:27 |
| - | 8 | etch adj stop adj layer near3 silicon adj nitride and silicon adj nitride near4 barrier and (ldd lightly adj doped adj drain) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 17:56 |

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| - | 112 | (ldd lightly adj doped adj drain).ti,ab,clm. and silicon adj nitride and ono and 438/\$9.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 18:00 |
| - | 0 | (ldd lightly adj doped adj drain).ti,ab,clm. and silicon adj nitride and ono and 438/\$9.ccls. and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 18:01 |
| - | 17 | (ldd lightly adj doped adj drain).ti,ab,clm. and silicon adj nitride and ono and 438/\$9.ccls. and (ald atomic adj layer adj deposition pecvd) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 18:01 |
| - | 17 | (ldd lightly adj doped adj drain).ti,ab,clm. and silicon adj nitride and ono and 438/\$9.ccls. and (ald atomic adj layer adj deposition pecvd plasma adj enhanced adj chemical adj vapor adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/17 18:02 |
| - | 1 | double near4 silicon adj nitride and (ono roxnox oxide-nitride-oxide) and spacer and (ldd lightly adj doped adj drain) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 07:46 |
| - | 4 | double near4 silicon adj nitride and (ono roxnox oxide-nitride-oxide) and spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 07:47 |
| - | 84 | method near4 silicon adj nitride near4 spacer and (ldd lightly adj doped adj drain) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 07:51 |
| - | 3 | method near4 silicon adj nitride near4 spacer and (ldd lightly adj doped adj drain) and (ald atomic adj layer adj deposition) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:25 |
| - | 3 | (method near4 silicon adj nitride near4 spacer and (ldd lightly adj doped adj drain) and (ald atomic adj layer adj deposition)) and (nitride adj oxide NO "N.sub.2O") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:28 |
| - | 0 | (method near4 silicon adj nitride near4 spacer and (ldd lightly adj doped adj drain) and (ald atomic adj layer adj deposition)) and (nitride adj oxide "N.sub.2O") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:29 |
| - | 0 | (method near4 nitridization and (ldd lightly adj doped adj drain) and (ald atomic adj layer adj deposition)) and (nitride adj oxide "N.sub.2O") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:29 |
| - | 0 | (method near4 nitridization) and (ldd lightly adj doped adj drain) and (ald atomic adj layer adj deposition) and (nitride adj oxide "N.sub.2O") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:30 |
| - | 0 | (method near4 nitridization) and (ald atomic adj layer adj deposition) and (nitride adj oxide "N.sub.2O") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:30 |
| - | 0 | (method near4 nitridization) near6 (nitride adj oxide "N.sub.2O") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:30 |

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| - | 0 | method near4 nitridization and ("no" adj2 ammonia) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:31 |
| - | 47 | method near4 nitridization | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:31 |
| - | 14 | (method near4 nitridization).ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:31 |
| - | 3 | ((method near4 nitridization).ti,ab,clm.) not (ammonia "NH.sub.3") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:32 |
| - | 3 | ((method near4 nitridization).ti,ab,clm.) not (ammonia "NH.sub.3") and method near4 nitridization | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 08:36 |
| - | 16 | (US-6756634-\$ or US-6436848-\$ or US-5674788-\$ or US-6690046-\$ or US-6744098-\$ or US-6649543-\$ or US-6323519-\$ or US-6653184-\$ or US-6682979-\$ or US-6686298-\$ or US-5734185-\$).did. or (US-20040146644-\$ or US-20040137742-\$ or US-20030143792-\$ or US-20020137296-\$ or US-20040042307-\$).did. | USPAT; US-PGPUB | 2004/10/18 09:17 |
| - | 0 | ((US-6756634-\$ or US-6436848-\$ or US-5674788-\$ or US-6690046-\$ or US-6744098-\$ or US-6649543-\$ or US-6323519-\$ or US-6653184-\$ or US-6682979-\$ or US-6686298-\$ or US-5734185-\$).did. or (US-20040146644-\$ or US-20040137742-\$ or US-20030143792-\$ or US-20020137296-\$ or US-20040042307-\$).did.) and fu.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 09:36 |
| - | 27 | ldd and spacer and silicon adj nitride and ono and ild | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 10:16 |
| - | 28 | ild near4 protect\$3 and gate and silicon adj nitride and spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 10:16 |
| - | 2 | ("20020146879").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/18 15:19 |